



USSN: 10/611,398
Dkt. No.: PP00338.105
2300-0338.02

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on line 3 of page 45 as follows:

Site-directed mutagenesis was performed on single-stranded DNA, using the method of Zoller and Smith (Zoller and Smith, 1982). To introduce the G192 mutation, using the following oligonucleotide:

5'-AATTCATCAGGCACAATCACA-3' (SEQ ID NO:1)

was used. Single-stranded DNA from BS-LT and BS-LTK63 plasmids, containing the wild-type and the mutated 1.3kb SmaI-EcoRI fragment, respectively, were used to perform site-directed mutagenesis with G192-oligonucleotide. DNA manipulations were performed by standard procedures (Sambrook et al., 1989).

Please amend the paragraph beginning on line 35 of page 45 as follows:

The 1. 1 kb fragment of pJM17 plasmid (Pearson, G.D.N., et al., 1982), containing the ctxAB gene, was amplified by PCR technique using the following oligonucleotides:

5'-GGCAGATTCTAGACCTCCTGATGAAATAAA-3' (ctxA) (SEQ ID NO:2)
and

5'- TGAAGTTGGCGAAGCTTCTTAATTGCCATACTAATTGCG-3' (ctxB) (SEQ ID NO:3) .

Please amend the paragraph beginning on line 13 of page 46 as follows:

Single-stranded DNA of pEMBL 19-CT K63 plasmid, containing the 1.1 kb XbaI-HindIII fragment, mutated in position 63, was used

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to perform site-directed mutagenesis with G192 oligonucleotide:
AATGCTCCAGGCTCATCGATG (SEQ ID NO:4).

AMENDMENTS TO THE DRAWINGS

The attached sheet includes changes to Fig. 8. In Figure 8, previously omitted sequence identifiers have been added.

Attachment: Replacement Sheet